



Positive and Negative Determinants of Ischaemic Injury—Co-morbidities and Cardioprotection 2020

Guest Editor:

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Message from the Guest Editor

Ischaemic heart disease and associated heart attack, together with subsequent heart failure are the lead causes of death worldwide, presenting a profound healthcare burden. There is thus a great need for adjunctive protective therapy that can be applied prior to, with or after reperfusion to improve both short and longer term outcomes from AMI, and extend the effective window for reperfusion. Thus far, no adjunctive treatment has been developed that is effective in the context of the co-morbidities associated with ischaemic heart disease. Processes of, and outcomes from cardiac ischaemia-reperfusion injury are influenced by multiple factors. The long-running and unmet challenge of cardioprotection can only be met through consideration of these critical positive and negative determinants of outcome.

This Special Issue will focus on novel, emerging paradigms from the study (original research articles or reviews) around the current understanding of the effects of comorbid conditions on myocardial ischaemia-reperfusion processes, the influences on cardioprotective signalling and outcomes, and novel strategies for protecting the heart from accidental and surgical I-R.





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Message from the Editor-in-Chief

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